

Web development for the Geoscience Information Network

Part-time position

The Arizona Geological Survey has an immediate opening for a part-time Web developer (average 10 hours per week) to support the Geoscience Information Network (www.geoinformatics.info/gin), a national, distributed, interoperable network for geoscience data being built in cooperation with international

Duties include Website design and maintenance, content creation, development of Web pages to implement user interfaces for querying and generating reports from relational databases, integration of interoperability capabilities and data exchange formats into a Web portal for the national Geoscience Information Network, and assistance in system design for AZGS geologic map and other digital data.

Depending on qualifications, the successful applicant may also implement Web map services (e.g. ArcIMS, GeoServer, Map Server) for Web interface to geographic data. This development is in the context of a federated information system interoperating through an XML-based interchange format.

Requirements:

- Understanding of basic relational database concepts
- Knowledge of Web page development for database access
- Familiarity with user-interface design concepts

Requirements:

- Understanding of web services
- Knowledge XML markup languages and tools for their manipulation
- Familiarity with some geographic data server software

GIN is a collaboration of the U.S. Geological Survey and the Association of American State Geologists, managed by the AZGS, with funding from the National Science Foundation. Partners include ESRI, OneGeology, GEON, and Earthchem.

Hours and work location are flexible. AZGS is an equal opportunity employer etc

Submit applications to:

Dr. Stephen Richard steve.richard@azgs.az.gov

Arizona Geological Survey

416 W. Congress St, #100

Tucson, Arizona 85701

520-770-3500

www.azgs.az.gov